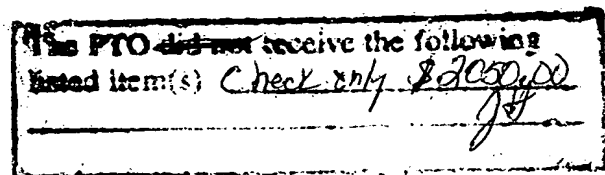


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| FORM PTO-1390 (REV 10-94) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | DOCKET #: 5284-50PUS |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | | | |
| | | | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 107519744 |
| INTERNATIONAL APPLICATION NO. PCT/FR2003/001874 | | INTERNATIONAL FILING DATE 18 June 2003 | | PRIORITY DATE CLAIMED 28 June 2002 |
| TITLE OF INVENTION Echo Processing Devices for Single-Channel or Multichannel Communication Systems | | | | |
| APPLICANT(S) FOR DO/EO/US Monique AUVRAY; Gregoire LE TOURNEUR; Jean-Philippe THOMAS | | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | |
| <ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371 <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). <input checked="" type="checkbox"/> has been transmitted by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). <input type="checkbox"/> have been transmitted by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11. to 16. Below concern other document(s) or information included:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A change of power of attorney and/or address letter. <input checked="" type="checkbox"/> Other items or information (<i>specify</i>): PCT/IB/308, Cover page of Published PCT application, Int'l Search Report, Request for Publication of Assignment Information | | | | |

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------|------------------|
| U.S. APPLICATION NO. (If known, see 37 CFR 1.53) 10/519744 | | INTERNATIONAL APPLICATION NO. PCT/FR2003/001874 | | ATTORNEY'S DOCKET NUMBER 5284-50PUS | |
| 17.[x]The following fees are submitted: | | | | DT01 Rec'd PCT/PTC 28 DEC 2004 | |
| Basic National Fee (37 CFR 1.492(a)(1)-(5)) | | | | \$300 | |
| National Stage Search Fee | | | | \$500 | |
| National Stage Examination Fee | | | | \$200 | |
| ENTER APPROPRIATE BASIC FEE AMOUNT = | | | | \$ | 1000.00 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$ | |
| Claims | Number Filed | Number Extra | Rate | | |
| Total Claims | 37 - 20 = | 17 | x \$50.00 | \$ | 850.00 |
| Independent Claims | 4 - 3 = | 1 | x \$200.00 | \$ | 200.00 |
| Multiple dependent claim(s) (if applicable) | | | + \$360.00 | \$ | |
| Application Size Fee - for each add 50 sheets in excess of 100 sheets + \$250.00 | | | | \$ | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ | 2050.00 |
| Reduction of 1/2 for filing by small entity, if applicable. | | | | \$ | |
| SUBTOTAL = | | | | \$ | 2050.00 |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | \$ | |
| TOTAL NATIONAL FEE = | | | | \$ | 2050.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by the appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | \$ | 40.00 |
| TOTAL FEES ENCLOSED | | | | | \$2090.00 |
| | | | | Amount to be refunded: | \$ |
| | | | | charged: | \$ |
| <p>a. [x] One check in the amount of \$ <u>2190.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>03-2412</u> in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. [x] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>03-2412</u>. A duplicate copy of this sheet is enclosed.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> | | | | | |
| SEND ALL CORRESPONDENCE TO: <u>Thomas Langer</u> Cohen, Pontani, Lieberman & Pavane 551 Fifth Avenue, Suite 1210 New York, New York 10176 | | | <u>Thomas Langer</u> Registration Number <u>27,264</u> December 28, 2004 Tel: (212) 687-2770 | | |



Attorney Docket # 5284-50PUS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re National Phase PCT Application of

Monique AUVRAY et al.

International Application No.: PCT/FR2003/001874

International Filing Date: 18 June 2003

For: Echo Processing Devices for Single-Channel or
Multichannel Communication Systems

REQUEST FOR PUBLICATION OF ASSIGNMENT INFORMATION

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

S I R:

It is requested that the following assignment information be published as part of
the 18 month publication of the present application:

France Telecom
6, place d'Alleray
F-75015 Paris, France

Respectfully submitted,
COHEN, PONTANI, LIEBERMAN & PAVANE

By:

Thomas Langer

Thomas Langer
Reg. No. 27,264
551 Fifth Avenue, Suite 1210
New York, N.Y. 10176
(212) 687-2770

28 December 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re National Phase PCT Application of

Monique AUVRAY et al.

Int'l PCT Appln. No.: PCT/FR2003/001874

Int'l Filing Date: 18 June 2003

For: Echo Processing Devices for Single-
Channel or Multichannel
Communication Systems

Check box if applicable:

☐ DUPLICATE

**GENERAL AUTHORIZATION FOR PAYMENT OF FEES
AND PETITIONS FOR EXTENSIONS OF TIME**

Submit an original and a duplicate for fee processing

Mail Stop PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

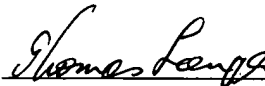
Sir:

The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. 03-2412

- [X] Any filing fees required under 37 CFR §1.16.
- [X] Any patent application processing fees under 37 CFR §1.17 not otherwise paid by check.
- [X] The issue fee set in 37 CFR 1.18 at 3 months from mailing of the Notice of Allowance, pursuant to 37 CFR 1.311 (b) provided the fee has not already been paid by check.
- [X] Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,
COHEN, PONTANI, LIEBERMAN & PAVANE

By



Thomas Langer

Reg. No. 27,264

551 Fifth Avenue, Suite 1210

New York, New York 10176

(212) 687-2770

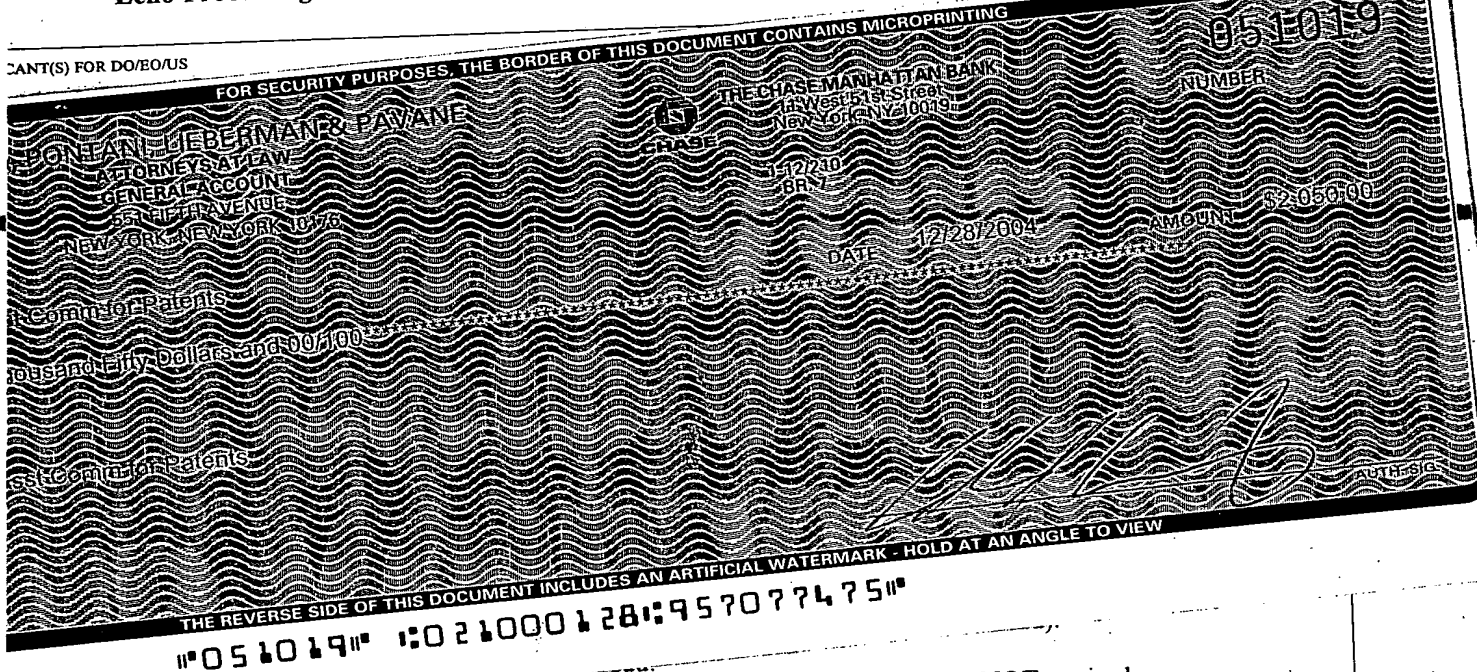
Dated: December 28, 2004

DT14 Rec'd PCT/PTO 28 DEC 2004

By Express Mail # EV582746930US

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|--------------------------------------------------------------------------------------------------------------------------|--|----------------------|--|
| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | DOCKET #: 5284-50PUS | |
| TRANSMITTAL LETTER TO THE UNITED STATES SIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | | |
| U.S. APPLICATION NO. (If Known, see 37 CFR 1.51) | | 10/519744 | |
| PRIORITY DATE CLAIMED 28 June 2002 | | | |
| INTERNATIONAL FILING DATE 18 June 2003 | | | |
| INTERNATIONAL APPLICATION NO. PCT/FR2003/001874 | | | |

OF INVENTION
Echo Processing Devices for Single-Channel or Multichannel Communication Systems



d. ☐ have not been made and will not be made.
☐ A translation of the amendments made, however, the time limit for making such amendments has NOT expired.

☒ An oath or declaration
☐ A translation of the amendments made, however, the time limit for making such amendments has NOT expired.
 U.S.C. 371(c)(1)

Items 11. to 16. Below
 1. ☒ An Information
 2. ☒ An assignment included.
 3. ☒ A FIRST preliminary
☐ A SECOND
 4. ☐ A substitute specification
 5. ☐ A change of power
 6. ☒ Other items or information
 Report, Request for

5284-50PUS TL/EM 28 December 2004
 In re National Phase PCT Application of
 Monique AUVRAY et al.
 International Appln. No.: PCT/FR2003/001874
 International Filing Date: 18 June 2003
 For: Echo Processing Devices for Single-Channel or Multichannel
 Communication Systems

By Express Mail No. EV582746930US with the following enclosures:
 1. Transmittal ltr.
 2. General Authorization
 3. PCT Publication Sheet
 4. Verified English translation of int'l appln.
 5. Assignment document with recordation Cover sheet
 6. Preliminary Amendment
 7. Int'l Search Report
 8. Information Disclosure Statement, PTO/SB/08A
 9. Check for \$2090 for filing fee, search fee, examination fee and recordation fee
 (where applicable)
 10. Return receipt postcard

10/519744

pls. check no match
 w/postcard
 Thanks.

DT14 Rec'd PCT/PTO 28 DEC 2004

5284-50PUS TL/EM 28 December 2004

In re National Phase PCT Application of
Monique AUVRAY et al.
International Appl. No.: PCT/FR2003/001874
International Filing Date: 18 June 2003
For: Echo Processing Devices for Single-Channel or Multichannel
Communication Systems

By Express Mail No. EV582746930US with the following enclosures:

1. Transmittal ltr.
2. General Authorization
3. PCT Publication Sheet
4. Verified English translation of int'l appln.
5. Assignment document with recordation Cover sheet
6. Preliminary Amendment
7. Int'l Search Report
8. Information Disclosure Statement, PTO/SB/08A
9. Check for ~~\$2090~~ for filing fee, search fee, examination fee and recordation fee
(where applicable)
10. Return receipt postcard

10/519744

Check # 2050.00 L.H.

DT14 Rec'd PCT/PTO 28 DEC 2004